

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for BERBERINE

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Adonis vernalis</i>	Plant	--	--		--
<i>Andira inermis</i>	Bark	--	--		--
<i>Argemone mexicana</i>	Plant	410	410		--
<i>Berberis vulgaris</i>	Plant	--	--		Jim Duke's personal files.
<i>Berberis vulgaris</i>	Root	4000	64800	1.0732112991587024	--
<i>Berberis vulgaris</i>	Bark	45000	45000	1	Jim Duke's personal files.
<i>Berberis vulgaris</i>	Root Bark	25000	80000		--
<i>Berberis vulgaris</i>	Stem Bark	20000	25000	1	Jim Duke's personal files.
<i>Berberis vulgaris</i>	Flower	6600	6600		Jim Duke's personal files.
<i>Berberis vulgaris</i>	Stem	1600	28900		Jim Duke's personal files.
<i>Berberis vulgaris</i>	Leaf	3000	3000	1	Jim Duke's personal files.
<i>Caulophyllum thalictroides</i>	Plant	--	--		Jim Duke's personal files.
<i>Chelidonium majus</i>	Plant	--	--		--
<i>Coptis chinensis</i>	Rhizome	40000	90000	0.9045340337332908	--
<i>Coptis japonica</i>	Rhizome	40000	70000	-0.3015113445777636	--
<i>Coptis spp</i>	Rhizome	40000	90000	0.9045340337332908	--
<i>Corydalis spp</i>	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eschscholzia californica</i>	Shoot	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Hydrastis canadensis</i>	Root	1385	60000	0.90147316172384	--
<i>Hydrastis canadensis</i>	Plant	--	--		--
<i>Hydrastis canadensis</i>	Rhizome	--	50000	-1.507556722888818	--
<i>Hydrastis canadensis</i>	Shoot	--	--		--
<i>Macleaya cordata</i>	Plant	--	--		--
<i>Mahonia aquifolium</i>	Root	--	--		--
<i>Mahonia aquifolium</i>	Plant	--	--		--
<i>Mahonia aquifolium</i>	Bark	--	--		--
<i>Mahonia aquifolium</i>	Shoot	--	--		--
<i>Mahonia aquifolium</i>	Root Bark	--	--		Kukic, P., Nikolic, R., Gorunovic, M. 1972. Comparative Pharmacognostic Study of Berberis (Barberry) vulgaris and Berberis aquifolium. Acta Pharm Jugosl, 22: 19-24.
<i>Mahonia aquifolium</i>	Leaf	--	13	-1	Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of <i>Mahonia aquifolium</i> (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
<i>Mahonia aquifolium</i>	Wood	--	--		Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of <i>Mahonia aquifolium</i> (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
<i>Mahonia fargesii</i>	Root	--	--		Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in Dayecihuangbai (<i>Mahonia fargesii</i>) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mahonia fargesii	Stem	--	--		Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in Dayecihuangbai (<i>Mahonia fargesii</i>) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.
Mahonia fargesii	Bark	--	--		Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in Dayecihuangbai (<i>Mahonia fargesii</i>) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.
Mahonia fortunei	Leaf	--	--		Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids, 1957-1968. Lloydia, 33: 1-286.
Mahonia gracilipes	Root	--	--		Lu, G. H., Chen, J. M., Wang, L. W., Xiao, P. G. 1995. Chemical Constituents of <i>Mahonia gracilipes</i> (Oliv.) Fedde. Huaxi Yaoxue Zazhi, 10(4): 202-204.
Mahonia japonica	Stem	--	--		Battersby, A. R., Francis, R. J., Hirst, M., Ruveda, E. A., Staunton, J. 1975. Biosynthesis. Part XXI. Investigations on the Biosynthesis of Stylopine in <i>Chelidonium Majus</i> . J Chem Soc Perkin Trans I: 1140.
Mahonia japonica	Sprout Seedling	--	--		Ikuta, A. and Itokawa, H. 1982. Studies on the Alkaloids from Tissue Culture of <i>Nandina domestica</i> . Plant Tissue Cult Proc Int Congr Plant Tissue Cell Cult 5th: 315316.
Mahonia nervosa	Rhizome	--	--		Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids, 1957-1968. Lloydia, 33: 1-286.
Mahonia philippinensis	Root	--	--		Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids, 1957-1968. Lloydia, 33: 1-286.
Mahonia repens	Root	--	1417	-1.1945550268900225	--
Mahonia repens	Stem	--	--		Suess, T. R. and Stermitz, F. R. 1981. The Constituents of <i>Castilleja rhexifolia</i> , <i>Mahonia repens</i> and <i>Oncidium cebolleta</i> . Dissertation Abstract Int B, 42: 1025-1026.
Mahonia siamensis	Stem Bark	--	2000	-1	Ruangrungsi, N., De-Eknamkul, W., Lange, G. L. 1984. Studies on Thai Medicinal Plant. Part I. Planta Medica, 50(5): 432-433.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Menispermum canadense</i>	Plant	--	--		--
<i>Nandina domestica</i>	Plant	--	--		--
<i>Papaver somniferum</i>	Plant	--	--		Father Nature's Farmacy: The aggregate of all these three-letter citations.
<i>Phellodendron amurense</i>	Bark	8300	10000	-1	--
<i>Podophyllum hexandrum</i>	Rhizome	--	--		--
<i>Podophyllum peltatum</i>	Plant	--	--		--
<i>Sanguinaria canadensis</i>	Root	--	--		--
<i>Xanthorhiza simplicissima</i>	Root	12000	13000	-0.7801294339925203	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Zanthoxylum alatum</i>	Bark	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Zanthoxylum americanum</i>	Plant	--	--		--
<i>Zanthoxylum clava-herculis</i>	Plant	--	--		--
<i>Zanthoxylum clava-herculis</i>	Bark	--	--		--